

Split-Core AC Current Sensor

0.40" ID Opening with 1 TO 75 AMP Ratings

Split-core current transformers "sense" AC current from 1 to 200 Amps passing through the center conductor. Split-core transformers are ideal for installation on existing electrical wiring by snapping around the conductor. The Magnelab SCT series have one of the highest industry standards both for interleaving joints and the self-locking mechanism.

FEATURES

- Operates from 50 Hz to 400 Hz
- Rated input from 1 Amp to 75 Amp
- Phase angle < 2 degrees measured at 50% rated current
- 0.333 Volt AC output at rated current
- 8 ft. twisted-pair lead
- Accuracy ± 1%
- UL recognized
- Accuracy at 10% to 130% of rated current
- Custom output and other parameters are available

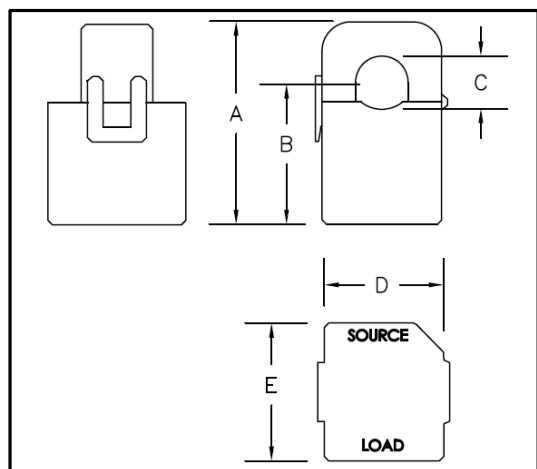


Current Sensor Part Numbers

PART NUMBER	RATING	UNITS
SCT-0400-000	No Burden Resistor	N/A
SCT-0400-005*		5 AMP
SCT-0400-010		10 AMP
SCT-0400-015		15 AMP
SCT-0400-020		20 AMP
SCT-0400-025		25 AMP
SCT-0400-030		30 AMP
SCT-0400-050		50 AMP
SCT-0400-075		75 AMP

*Phase Angle Slightly Higher

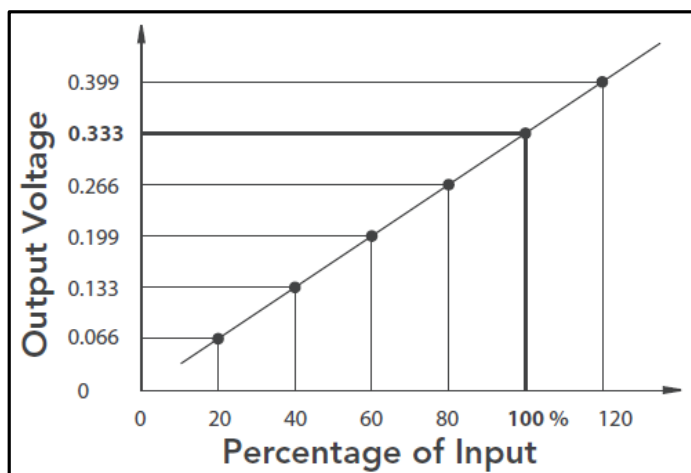
Dimensions Diagram



Dimensions Values

DIMENSION	VALUE	UNITS
A	1.550	INCH
B	1.090	INCH
C	0.400	INCH
D	1.000	INCH
E	1.050	INCH

Current Sensor Output Voltage/Input Current



Wiring Diagram

